nn 6107 Regardrot Picto ATTORNEY'S DOCKET NUMBER

ORM PTO-1350 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE PERFECT IN 12-2004)

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. PCT/JP03/10939

INTERNATIONAL FILING DATE 28 August 2003

PRIORITY DATE CLAIMED 30 August 2002

266746US26PCT

TITLE OF INVENTION

|        |             | TE PROCESSING UNIT, METHOD OF DETECTING END POINT OF CLEANING OF SUBSTRATE PROCESSING<br>D METHOD OF DETECTING END POINT OF SUBSTRATE PROCESSING                  |  |  |  |  |  |  |
|--------|-------------|---|--|--|--|--|--|--|
|        |             | T(S) FOR DO/EO/US<br>ANNAN, et al.  |  |  |  |  |  |  |
| Applic | ant he      | erewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |  |  |  |  |
| 1.     | $\boxtimes$ | This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.  |  |  |  |  |  |  |
| 2.     |             | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.   |  |  |  |  |  |  |
| 3.     | Ø           | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. |  |  |  |  |  |  |
| 4.     | $\boxtimes$ | The US has been elected (Article 31).   |  |  |  |  |  |  |
| 5.     | $\boxtimes$ | A copy of the International Application as filed (35 U.S.C. 371 (c)(2))   |  |  |  |  |  |  |
|        |             | a.  is attached hereto (required only if not communicated by the International Bureau).   |  |  |  |  |  |  |
|        |             | b. 🗵 has been communicated by the International Bureau.   |  |  |  |  |  |  |
|        |             | c. $\square$ is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |  |  |  |  |  |
| 6.     | $\boxtimes$ | An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |  |  |  |  |  |  |
|        |             | a. 🛚 is attached hereto.  |  |  |  |  |  |  |
|        |             | b.  has been préviously submitted under 35 U.S.C. 154(d)(4).  |  |  |  |  |  |  |
| 7.     | $\boxtimes$ | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))   |  |  |  |  |  |  |
|        |             | a.   are attached hereto (required only if not communicated by the International Bureau).   |  |  |  |  |  |  |
|        |             | b.  have been communicated by the International Bureau.   |  |  |  |  |  |  |
|        |             | c.  have not been made; however, the time limit for making such amendments has NOT expired.   |  |  |  |  |  |  |
|        |             | d. 🗵 have not been made and will not be made.   |  |  |  |  |  |  |
| 8.     |             | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |  |  |  |  |  |  |
| 9.     | $\boxtimes$ | An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |  |  |  |  |  |  |
| 10.    |             | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).                   |  |  |  |  |  |  |
| 11.    |             | A copy of the International Preliminary Examination Report (PCT/IPEA/409).  |  |  |  |  |  |  |
| 12.    | $\boxtimes$ | A copy of the International Search Report (PCT/ISA/210).  |  |  |  |  |  |  |
| lte    | ems 1       | 3 to 23 below concern document(s) or information included:  |  |  |  |  |  |  |
| 13.    |             | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.   |  |  |  |  |  |  |
| 14.    |             | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.   |  |  |  |  |  |  |
| 15.    |             | A FIRST preliminary amendment.  |  |  |  |  |  |  |
| 16.    |             | A SECOND or SUBSEQUENT preliminary amendment.   |  |  |  |  |  |  |
| 17.    |             | A substitute specification.   |  |  |  |  |  |  |
| 18.    |             | A power of attorney and/or change of address letter.  |  |  |  |  |  |  |
| 19.    |             | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.  |  |  |  |  |  |  |
| 20.    |             | A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |
| 21.    |             | A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |
| 22.    |             | Express Mail Label No.  |  |  |  |  |  |  |
| 23.    | $\boxtimes$ | Other items or information:   |  |  |  |  |  |  |
|        |             | Application Data Sheet/Notice of Priority/Request for Consideration/Drawings (21 Sheets)/PCT/IB/308   |  |  |  |  |  |  |

PTO1 Rec'd PCT/PTO 2 5 FEB 2005

PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| U.S. APPLICATES  | N 19 5 25 7   | 37 CFP 1.5)   | INTERNATIONAL APPLICATION NO. |   |              | ATTORNEY'S DOCKET NUMBER |    |  |  |  |
|--|---|---------------|-------------------------------|---|--------------|--------------------------|----|--|--|--|
| LU   | 3271  | 71            | PCT/JP03/10939                |   |              | 266746US26PCT            |    |  |  |  |
|  | g fees are submitte   | Applicant use | Office use                    |   |              |                          |    |  |  |  |
| •  | tional fee  | \$ \$300.00   |                               |   |              |                          |    |  |  |  |
| •  | tion fee  | \$ \$200.00   | ,                             |   |              |                          |    |  |  |  |
| ⊠ c) Search fe   | e   | \$ \$400.00   |                               |   |              |                          |    |  |  |  |
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| e earliest claim   | ed priority date (3   | 7 CFR 1.492   |                               | IATI  | ONAL FEE =   | \$ \$1,100.00            |    |  |  |  |
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| a. A check   | a. A check in the amount of \$ to cover the above fees is enclosed.   |               |                               |   |              |                          |    |  |  |  |
| b. 🔲 Please o<br>A duplic  |   |               |                               |   |              |                          |    |  |  |  |
|  | The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030 . A duplicate copy of this sheet is enclosed. |               |                               |   |              |                          |    |  |  |  |
|  |   |               |                               |   |              |                          |    |  |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) |   |               |                               |   |              |                          |    |  |  |  |
|  | RESPONDENCE   | www. Sacho    | 1                             |   |              |                          |    |  |  |  |
|  |   |               |                               | SIGNATURE   |              |                          |    |  |  |  |
|  | Surinder Sachar Registration No. 34,423  Steven 1   |               |                               |   |              | Weihrouch                |    |  |  |  |
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